User guide

Parrot SK4000

English

Parrot

move wireless

Table of contents

Introduction 4

Kit contents 4

Using the Parrot SK4000 for the first time 5

Installing the Parrot SK4000 5

Description of the Parrot SK4000 7

Operating the Parrot SK4000 8

Associating the control unit with the remote control 10

Pairing your phone with the Parrot SK4000 10

Connecting your phone to the Parrot SK4000 11

Activating the Stereo mode 11

Reset the Parrot SK4000 11

Menu Structure 12

General vocal menu 12

Sources selection menu 13

Using the telephony function 14

Recording your contacts in the Parrot SK4000 14

Using the magic words 15

Receiving a call 15

Making a call 15

Ending a call 17

Using the discreet mode 17

Answering a second call 18

Recording voice tags 18

Using the music function 20

Using the FM radio function 20

Using an analogue audio source 21

Using the Audio Streaming function 21

Adjusting the volume 22

Technical specification 23
Audio 23
Interface 23
Bluetooth 23
Dimensions 24
Processor 24

Updating your Parrot SK4000 25

Hotline 25

Introduction

The *Bluetooth*® technology enables voice and data to be sent via a short-distance radio link. It allows several electronic devices to communicate with each other, particularly phones and hands-free kits.

Parrot is drawing on its long years of experience in signal processing and voice recognition technology to offer a hands-free kit with superior audio quality during calls: the Parrot SK4000.

With the Parrot SK4000, you will be able to make phone calls from your motorbike while keeping your hands on the handlebars. You can also use the audio streaming function on your hands-free kit to listen to the music files stored on your phone, PDA or audio player (if your phone, PDA or audio player supports the audio streaming function). The Parrot SK4000 acts as a real extension of your mobile phone.

Kit contents

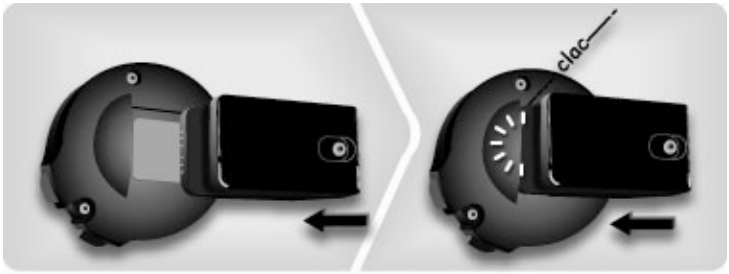
The kit contains:

- A Parrot SK4000
- A mini USB / Jack cable
- A power supply cable
- An allen key
- A quick start guide

Using the Parrot SK4000 for the first time

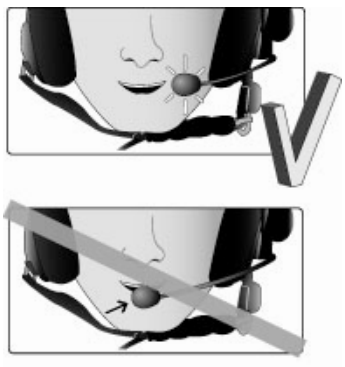
Installing the Parrot SK4000

1. Slide the control unit downwards along the sliding panel until a clicking sound indicates that the control unit is locked in place.



2. Place the control unit between the protection foam and the external shell of your helmet, making sure of the microphone's proper location.

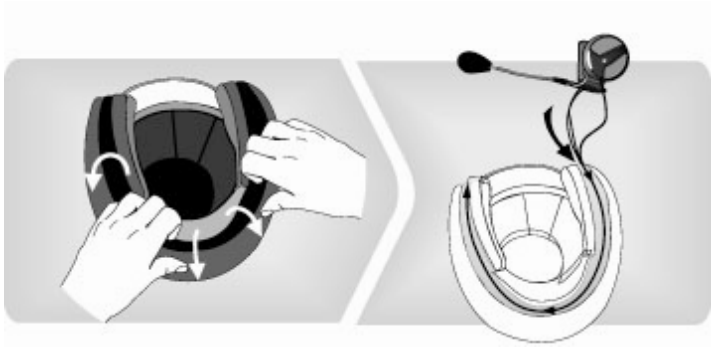
3. To ensure an optimal sound quality, the orientation of the microphone is very important. Make sure the microphone is located 2 to 4 cm off the corner of the mouth.



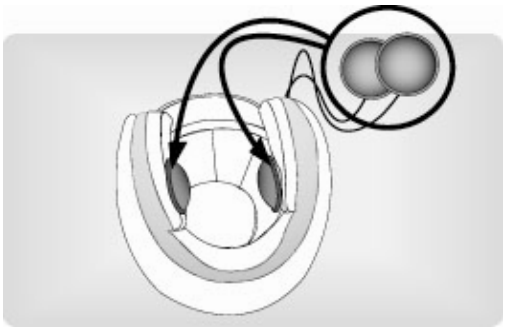
4. Attach the clamp of the Parrot SK4000 to your helmet with the allen key provided.

Before locking the control unit, make sure nothing blocks the insertion of the control unit. If it is not the case, use the extension pad provided with your Parrot SK4000.

5. Route the cables inside the helmet, between the protection foam and the internal shell of your helmet.



6. Make sure the speakers are placed in front of your ears.



If the internal padding of your helmet doesn't allow to fix it correctly, use the adhesive tapes provided.

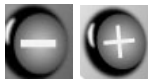
7. Slide the remote control on the left grip of the handlebar by opening the clips of the remote control.

Description of the Parrot SK4000

Control unit

Button	Functions
	- Answer an incoming call - Make a call via the voice recognition feature - Transfer a call on the mobile phone (discreet mode) - Exit the discreet mode **- Long press** : redial function - Confirm a selection
	- Hang up - Reject an incoming call - Exit the Source menu - Turn on the kit - **Long press**: turn off the kit
	Adjust the volume

Remote control

Button	Functions
	- End a call - Reject an incoming call - Exit the vocal menu - Play previous track/radio station
	- Enter and scroll through the vocal menu - Adjust the volume
	- Answer an incoming call - Enter the voice recognition mode - Select an input in the vocal menu - Play next track/radio station - Transfer a call on the mobile phone (discreet mode) - Exit the discreet mode **- Long press** : redial function
	Enter and scroll through the available audio sources selection menu

Operating the Parrot SK4000

1. Charging the Parrot SK4000

	Do not use your Parrot SK4000 during the charge.

- Control unit

Use the power cable supplied to charge the battery of the control unit.

- The LED of the control unit becomes red.
- The LED switches off when the charge is over.

In case of low battery:
- The led blinks in red every 5 seconds.
- A message informs you that the Parrot SK4000 is going to turn off within 15 minutes, then within 5 minutes.
- During a call, an acoustic signal resounds several times and indicates you the Parrot SK4000 is going to turn off.

- Remote control

The remote control only works with a 3V CR2025 battery. You have to place it in the lateral specific battery compartment of the remote control. After having placed the battery, screw down the compartment with the provided allen key.

Ask information to legal authorities in terms of retraining, to properly throw used batteries. Used batteries are dangerous for environment and must not be thrown with domestic rubbish.

2. Operating the Parrot SK4000

- Press the key of the control unit to turn on the Parrot SK4000.
> The control unit LED is on during some seconds.

- Hold down the key of the control unit to turn off the Parrot SK4000 until you hear a tone signal.
> The LED is on until the device turns off.
> A vocal message informs you that the Parrot SK4000 is turned off.

Associating the control unit with the remote control

If the remote control doesn't seem to be associated to the control unit while using the Parrot SK4000 for the first time:

1. Reboot the control unit.
   > The LED turns on during seconds then it turns off.

2. As soon as the LED turns off, simultaneously hold down the + / – buttons of the remote control during 3 seconds.
   > The control unit LED blinks rapidly.
   > Now you can browse through the Parrot SK4000 menus using the remote control.

Pairing your phone with the Parrot SK4000

Before using the Parrot SK4000 with your phone, you have to connect both devices. If it is the first time you use this phone with the Parrot SK4000, you first have to pair them.

This operation is only required once, except if:

- you reboot the device
- the Parrot SK4000 is already paired with 10 devices

To pair your phone with the Parrot SK4000:

1. Turn on the kit.

2. Activate the *Bluetooth* functionality of your phone and search for *Bluetooth* devices.
   ▶ *For further information, refer to the user guide of your phone.*

3. Once the search is complete, select « **Parrot SK4000** » in the list of the peripherals detected.

4. Enter the pairing code « **0000** ».
   > Once the pairing is over, your phone connects to the kit.

Connecting your phone to the Parrot SK4000

- The connection between the hands-free kit and the phone is automatic. If it is not the case, press the key of the control unit or the key of the remote control to initiate the connection process.

- If the connection is lost, the kit connects automatically with the last connected phone.

If the last connected phone is not near the kit, the connection will be established with the last phone connected.

Activating the Stereo mode

By default, the Parrot SK4000 is in Mono mode. Actually, using this device with both earphones simultaneously may be authorized only out of public traffic conditions. Please observe your local law.

- In Mono mode, you can activate the right earphone or the left one. To do so, enter the vocal menu and select **Audio Settings > Right Speaker or Left Speaker**

- To activate the Stereo mode, enter the vocal menu and select **Audio Settings** > **Stereo mode**.

Reset the Parrot SK4000

To reset the Parrot SK4000, press simultaneously the and keys of the control unit of the Parrot SK4000. This process will remove the pairings as well as the contacts and the associated tags.

Menu Structure

General vocal menu

Press the +/- keys to enter the vocal menu to reach:

- **Phonebook:** this menu gives you direct access to your contacts if your phone supports the automatic contact synchronization. Otherwise, you must first send your contacts from the phone to the kit by activating the **Receive contacts** menu.
  ▶ *Refer to the **Recording your contacts on the Parrot SK4000** section for further information.*

- **Volume:** adjust the volume.

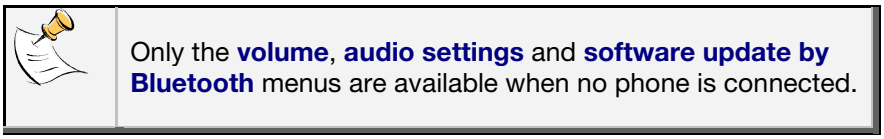
- **Audio settings:** this menu allows you to activate/deactivate the automatic volume control during a call, depending on the noise level of your environment. It also allows you to activate the Stereo Mode and set the audio effects (Stereo Widening, Virtual Bass).

- **Magic words:** this menu allows you to activate / deactivate the magic words.
  ▶ *Refer to the **Using the magic words** section for further information.*

- **Receive contacts:** this menu prepares the Parrot SK4000 for receiving contacts sent manually from the phone.
  ▶ *For further information, refer to the **Recording your contacts in the kit** section.*

- **Add voice tags:** this menu allows you to assign voice tags to your contacts.
  ▶ *For further information, refer to the **Recording voice tags** section.*

- **Software update by Bluetooth:** enable this option before updating via *Bluetooth.*



Sources selection menu

Press the **SOURCE** key to enter the sources selection menu. It allows you to select one of the available audio sources:

- FM radio function
- Analogue audio source
- *Bluetooth* audio source

Using the telephony function

Before using the telephony function of your Parrot SK4000, you first have to connect your phone with it. If it is the first time you use both devices, you first have to pair them.

▶ *For further information, refer to the* ***Pairing the Parrot SK4000 to a phone*** *and* ***Connecting the Parrot SK4000 with a Bluetooth phone*** *sections*.

Recording your contacts in the Parrot SK4000

The recording of your contacts in the Parrot SK4000 is made by automatic synchronization or by Object Push.

- Automatic synchronization:

At the first connection of your phone, the phonebook is automatically synchronized if your phone supports this functionality.
> A vocal message informs you that the synchronization is done successfully.
> If it is not the case, refer to the **Sending contacts via Object Push** section.

	Only the contacts stored in the phone memory are synchronized. For further information about the recording of your contacts in your phone, refer to the user guide of your device.

- Sending contacts via Object Push:

1. Use the +/- keys to browse the vocal menu.
2. Press the key of the remote control to select **Receiving contacts > Waiting for a contact**.
3. Refer to your phone's user guide for further information about sending contacts via Object Push.

	- The access to this functionality disconnects the kit from the phone. - You can also send several contacts via object push.

Using the magic words

- The magic word «**Accept**» allows you to accept an incoming call.
- The magic word «**Refuse**» allows you to reject an incoming call.

To use the magic words, you must activate them. To do so:

1. Press one of the +/- keys of the remote control to enter the vocal menu and select **Magic words**.

2. Press the ⏭ key of the remote control to activate / deactivate the magic words.

Receiving a call

An incoming call is indicated by a vocal message or the recorded tag associated to the contact saying the name of your interlocutor, if he is recorded in your phonebook. If it is not the case, a ringtone indicates you an incoming call.

- If you want to accept the call, say "**accept**". You can also press the key of the control unit or the ⏭ key of the remote control.

- If you want to reject the call, say "**reject**". You can also press the ⏮ key of the remote control or the key of the control unit.

- If you want to accept the call from your phone, directly press the pick-up key of your device.

Making a call

- Making a call via voice recognition

This functionality is only available if your contacts have already been transferred into the phonebook of the kit.

1. Press the key of the control unit or the ⏭ key of the remote control to initiate the voice recognition process.
   > An acoustic signal indicates you the beginning of the process.

2. Say the keyword « **call** » followed by the name of the contact you want to call.

You can make a call via voice recognition using several combinations of keywords. For example, « call 'Paul'» or simply « 'Paul' ». You can also associate the type of number you want to call: «call 'Paul' at

home», «'Paul' 'work' », «'Paul' 'on cell'», etc.

> The call is automatically launched if the voice tag is correctly understood. If it is not the case, a message is enunciated by the kit.

3. Confirm by saying « **yes** » or « **call** ».
> The call is initiated.

	The keywords « **cancel** » and « **no** » allow you to interrupt the process at any moment.

- Making a call from the phonebook

1. Press one of the +/- keys of the remote control to enter the vocal menu.
   > The kit says **phonebook**.

2. Press the ⏭ key of the remote control.
   > The letters of the alphabet are enunciated by the kit.

3. Use the +/- keys to browse the list.

4. Press the ⏭ key of the remote control to access the names starting with the selected letter.

5. Use the +/- keys to browse the list.

6. Press the ⏭ key of the remote control to select the contact you want to call.
   > The name of the caller is announced if his number is recorded in the phonebook of the phone connected to the Parrot SK4000.

7. If this contact has several phone numbers, use the +/- keys to browse the list of the available numbers.

8. Press the ⏭ key to make the call.

The Parrot SK4000 allows you to record up to 6 phone numbers for each contact.

Press the key of the control unit or the key of the remote control to get back to the main menu during the process.

- If the contact is not in the phonebook of the kit

If the contact you want to call is not in the phonebook of the Parrot SK4000, stop your vehicle in a safe location then make the call directly from your phone. To do so, dial the number you want to call directly on the keypad of your phone.

> The call is automatically directed to the hands-free kit.

Ending a call

Press the key of the control unit or the key of the remote control to end a call.

Using the discreet mode

Press the key of the remote control or the key of the control unit to transfer a call from the kit to your phone.

Depending on the version of your phone, you can also transfer a call from your phone to the kit by pressing the key of the remote control or the key of the control unit.

Answering a second call

The Parrot SK4000 allows you to manage two calls simultaneously if your phone supports this functionality. For further information, refer to the user guide of your phone.

- To accept the second call :

1. Press the key of the remote control or the key of the control unit.
   > The first call is automatically put on hold.

2. Press the key of the control unit to switch from a call to another.

3. Press the key of the remote control or the key of the control unit to end a call. You can also hang-up directly from your phone.
   > You are automatically in communication with the call on hold.

- To reject the second call :

Press the key of the control unit or the key of the remote control to reject the second call. You can also reject it directly from your phone.

Recording voice tags

All your contacts, after automatic synchronization or Object Push process, are directly provided with a voice tag in the Parrot SK4000. Consequently, you don't have to record your own voice tag on each contact to make a call via the voice recognition process.

However, if the Parrot SK4000 doesn't understand the name of one of your contacts or if a voice tag is too long, you can record a new one. To do so:

1. Use the +/- keys to enter and browse the vocal menu.

2. Press the key of the remote control to select « **Recording voice tags** ».

3. Use the +/- keys to browse your phonebook.

4. Press the key of the remote control to select the name whom voice tag you want to change.

5. Follow the instructions to record the new voice tag.

To interrupt the process, press the key of the control unit.

Using the music function

Your kit allows you to listen to the FM radio, a *Bluetooth* source or an analogue one.

Whatever the audio source is, the calls are priority. At the end of the call, the music file you were listening to gets back on.

Press the **SOURCE** key to browse through the menu of the music files sources. Press it again to select the next available source.

- You successively access to the following functions :
  - Radio
  - Audio Analogue (if available)
  - Audio *Bluetooth* (if available)
- A vocal message informs you about the selected source.

Using the FM radio function

1. Press the **SOURCE** key to select the radio function in the audio sources menu.
   > The last selected radio station is broadcasted by default.

2. Select the radio station with the and keys of the remote control.

The search of the previous/next station is automatic thanks to the RDS function.

> A vocal message informs you about the name of the selected station if it is available.

Press the key of the control unit to stop playback or press the **SOURCE** key to get back to the Phone mode.

Using an analogue audio source

Connect your audio player to the control unit with the provided mini USB/Jack cable.

1. Press the **SOURCE** key to browse through the music files sources.
2. Press the **SOURCE** key again to select **Audio analogue**.

> Press the key of the control unit to stop playback or press the **SOURCE** key to get back to the Phone mode.

Using the Audio Streaming function

The Parrot SK4000 allows you to play music files stored in a *Bluetooth* device which supports the A2DP profile. For the first use, pair and connect your device to the Parrot SK4000.

▶ *For further information, refer to the **Pairing your phone with the Parrot SK4000** and **Connecting your phone to the Parrot SK4000** sections. Refer also to the user guide of your audio player*.

1. Press the **SOURCE** key to select **Audio Bluetooth**.
   > The connection process begins automatically with the last connected phone.
2. Select the previous/next track by pressing the and the keys of the remote control.

> Press the key of the control unit to stop playback or press the **SOURCE** key to get back to the Phone mode.

Adjusting the volume

Use the +/- keys of the control unit or of the remote control to adjust the volume.

The Parrot SK4000 adapts the volume automatically. It adapts the restitution volume depending on the importance of the background noise. For further information, refer to the ***Menu Structure*** section.

Technical specification

Audio

- Full duplex
- Built-in omnidirectional microphone, with protective foam
- Advanced noise reduction
- Echo cancellation
- Voice menus
- Multi-speaker voice recognition
- TTS - speech synthesis of the names in the phonebook
- Built-in codec: SBC decoder
- FM RDS tuner, speech synthesis of the radio stations
- Analogue line-in connection via a 3.5 mm jack
- *Bluetooth* stereo (A2DP)
- Stereo Widening & Virtual SuperBass effects

Interface

- Helmet control unit: 4 buttons (answer, hang up, volume control)
- Audio unit: 1 microphone, 2 speakers
- Remote control: 5 buttons (answer, hang up, select audio source, browse menus, radio search, next, back, stop)

- General :
  - Number of contacts: total of 8 000
  - Pairing of up to 10 devices
  - Automatic connection by pairing order

Bluetooth

- *Bluetooth* v2.0
- Supported profiles :
  - HFP 0.96 / 1.0 / 1.5 (Hands Free Profile)
  - A2DP (Advanced Audio Distribution Profile)
  - AVRCP (Audio Video Remote Control Profile)
  - OPP Sync (Object Push Profile)
  - PBAP (Phone Book Access Profile)
- Range: 10 meters
- Pairing by PIN code
- Update by *Bluetooth*

Dimensions

Control unit :

- Height: 68 mm
- Thickness: 30.5 mm
- Width: 64 mm

Remote control :

- Height: 91 mm
- Thickness: 43 mm
- Width: 23 mm

Processor

Parrot P5+
Flash = 256 Mbits - RAM= 64 Mbits

Updating your Parrot SK4000

You can update your device by a serial cable or by *Bluetooth*. Refer to the process concerning the Parrot SK4000 update on our website www.parrot.com.

Hotline

Our hotline is at your disposal from Monday to Friday between 9am and 6 pm (GMT+1) by mail hot-line@parrot.com or by phone:

Europe: [+33] (0) 1 48 03 60 69 (Spoken languages: English, French, Spanish and German)
Italy: [+39] 02 59 90 15 97
Spain: [+34] 902 404 202
UK: [+44] (0)870 112 5872
Germany: 0900 172 77 68
USA: [+1] (877) 9 PARROT (toll free)
China: [+ 86] (0)2164 601 944